## REMARKS

The enclosed is responsive to the Examiner's Final Office Action mailed on November 10, 2005 and is being filed pursuant to a Request for Continued Examination (RCE) as provided under 37 CFR 1.114. At the time the Examiner mailed the Office Action claims 1-22 were pending. By way of the present response the Applicants have: 1) amended claims 1, 8, and 14; 2) added claims 24-26; and 3) canceled claims 3, 10, and 16. As such, claims 1-2, 4-9, 11-15, 17-22, and 24-26 are now pending. The Applicants respectfully request reconsideration of the present application and the allowance of all claims now presented.

### 35 U.S.C. §102 Rejections

Claims 1-4, 8-11, 14-17, and 21-22 stand rejected under 35 U.S.C. 102(b) as being anticipated by Austin, et al., U.S. Patent No. 3,163,850 (hereinafter "Austin").

Applicant respectfully submits that Austin does not disclose or suggest features recited in Claims 1, 8, and 14. Specifically, Austin does not disclose or suggest that each addition of a base address to each index is independent of one another. The present application states that instruction sets may include individual extract and deposit instructions. See page 9, lines 10-11 of the original specification. Thus, a determination of an address in one

extract/deposit instruction is not dependent on the determination of a different address in another extract/deposit instruction.

Austin teaches away and specifically illustrates that each instruction must be dependent on one another because to calculate an address from a start address, any address between the wanted address and the start address must first be calculated through use of an address adder 103 with inputs: increment value 101 and start address 52. Under Austin, after the calculation of the second address (which equals the start address plus the increment value), an address is computed by adding the previously computed address plus the set increment value.

The language added to claims 1, 8, and 14 are supported in the original specification on page 9, beginning at line 10.

Therefore, Applicant respectfully submits that claims 1, 8, and 14 are in condition for allowance. Since independent claims 1, 8, and 14 now overcome the objections under Austin, all dependent claims would also overcome Austin. Hence, Applicant respectfully requests that independent claims 1, 8, and 14 and all their dependent claims be allowed.

In relation to proposed added claims 24-26, Austin does not disclose or suggest the distances between a plurality of two neighboring indices within the plurality of said indices are of varying lengths. For example, some of the indices may be 3, 7, and 17. Austin teaches away and illustrates a static

distance being between neighboring indices because an increment value 101 defines the distance between neighboring indices.

The language of claims 24-26 is supported in the original specification on page 10, lines 18-21.

## 35 U.S.C. §103 Rejections

Claims 5, 7, 12, 13, 18, 20 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Austin, and Claims 6 and 19 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Austin in view of McDonnell et al., U.S. Patent No. 2,968,027 (hereinafter "McDonnell").

Since claims 5-7, 12, 13, and 18-20 depend from independent claim 1, 8, or 14 and include additional features, Applicant respectfully submits that all claims are in condition for allowance.
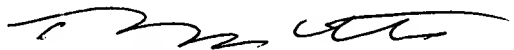
## CONCLUSION

Applicant respectfully submits that all rejections have been overcome and that all pending claims are in condition for allowance.

If there are any additional charges, please charge them to our Deposit Account Number 02-2666. If a telephone conference would facilitate the prosecution of this application, the Examiner is invited to contact Thomas C. Webster at (408) 720-8300.

Respectfully Submitted,
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